

# **Estágios de Verão 2017: Tutorials**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Introdução à Física de Partículas

*Monday, 17 July 2017 09:30 (1h 30m)*

**Presenter:** Dr VARELA, João (LIP)

Contribution ID: 1

Type: **not specified**

## **Detectores e aquisição de dados em Física de Partículas**

*Tuesday, 18 July 2017 09:30 (1h 30m)*

**Presenter:** GOMES, Agostinho (LIP)

Contribution ID: 2

Type: **not specified**

## • **Tutorial: introdução a C++ e ROOT**

*Monday, 17 July 2017 14:00 (3 hours)*

**Presenters:** Mr BARÃO, Fernando (LIP); SANTOS, Helena (LIP); Mr SILVA, José Luis (LIP)

Contribution ID: 3

Type: **not specified**

## **Física do nucleão**

*Monday, 17 July 2017 11:00 (1h 30m)*

**Presenter:** QUINTANS, Catarina

Contribution ID: 4

Type: **not specified**

## **Física no LHC : Modelo standard**

*Tuesday, 18 July 2017 11:00 (1h 30m)*

**Presenter:** Dr GALLINARO, Michele (LIP)

Contribution ID: 5

Type: **not specified**

## Geradores Monte Carlo

*Wednesday, 19 July 2017 14:00 (30 minutes)*

**Presenter:** APOLINÁRIO, Liliana

Contribution ID: 6

Type: **not specified**

## **Simulação de detectores**

*Wednesday, 19 July 2017 14:30 (30 minutes)*

**Presenter:** Dr GONÇALVES, Patricia (LIP)



Contribution ID: 7

Type: **not specified**

## • **Tutorial: HEP event display ATLAS e CMS**

*Tuesday, 18 July 2017 14:00 (3 hours)*

**Presenters:** Mrs PRIOR, Gersende (LIP); SANTOS, Helena (LIP); LEONARDO, Nuno (LIP); GONÇALO, Ricardo (LIP)

Contribution ID: 8

Type: **not specified**

## **Física no LHC : Higgs e pesquisas BSM**

*Wednesday, 19 July 2017 09:30 (1h 30m)*

**Presenter:** Ms CONDE MUÍÑO, Patricia (LIP)

Contribution ID: 9

Type: **not specified**

## **As tecnologias da física das partículas aplicadas ao espaço e à saúde**

*Wednesday, 19 July 2017 11:00 (1h 30m)*

**Presenter:** Dr GONÇALVES, Patricia (LIP)

Contribution ID: **10**

Type: **not specified**

## **Física de astropartículas**

*Thursday, 20 July 2017 09:30 (1h 30m)*

**Presenter:** Mr ASSIS, Pedro (LIP)

Contribution ID: 11

Type: **not specified**

## Física de neutrinos

*Thursday, 20 July 2017 11:00 (1h 30m)*

**Presenter:** MANEIRA, Jose (LIP)

Contribution ID: 12

Type: **not specified**

## **Introduction to statistics and data analysis methods**

*Wednesday, 19 July 2017 15:00 (30 minutes)*

**Presenter:** BARGASSA, Pedrame

Contribution ID: 13

Type: **not specified**

## **Tutorial: Analysis with OpenData**

*Friday, 21 July 2017 14:00 (3 hours)*

**Presenters:** SANTOS, Helena (LIP); Ms CONDE MUÍÑO, Patricia (LIP); GONÇALO, Ricardo (LIP); Ms PEDRO, Rute (LIP/FCUL)

Contribution ID: 14

Type: **not specified**

## The data chain of an experiment (ROOT)

*Monday, 17 July 2017 14:00 (3 hours)*

**Primary author:** Mr BARÃO, Fernando (LIP)

**Presenter:** Mr BARÃO, Fernando (LIP)



Contribution ID: 15

Type: **not specified**

## **Tutorial: Data Analysis**

*Friday, 21 July 2017 14:00 (3 hours)*

**Presenter:** LEONARDO, Nuno (LIP)

Contribution ID: 16

Type: **not specified**

## ATLAS

**Presenters:** Mrs PRIOR, Gersende (LIP); SANTOS, Helena (LIP); GONÇALO, Ricardo (LIP)

Contribution ID: 17

Type: **not specified**

**CMS**

**Presenter:** LEONARDO, Nuno (LIP)